

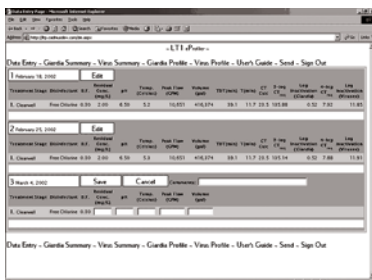


Long Term 1 Enhanced Surface Water Treatment Rule eProfiler

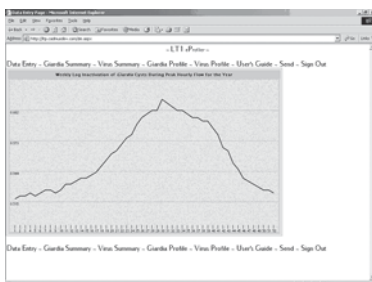
A New Tool for Water Systems

EPA now has a web-based computer program that water systems may use to calculate log inactivations.

The program is called **LT1 eProfiler**. The **LT1 eProfiler** is designed to help a system develop a disinfection profile and benchmark as required by the Long Term 1 Enhanced Surface Water Treatment Rule (LT1ESWTR). This program will automatically calculate the log inactivation achieved by a facility and the disinfection benchmark for both *Giardia lamblia* and viruses.



The program calculates the log inactivation that a system's treatment train provides, based on various operating parameters (e.g., flow rate, type of disinfectant, temperature, etc.). This information would help determine whether a change in the disinfection process will benefit or adversely impact the ability of the system to meet the requirements of the Surface Water Treatment Rule (SWTR).



To use this program, all you need is access to the internet. No spreadsheet is required. This program may be accessed by going to the following site:

<http://www.LT1P.com/>

For more background information on data collection, disinfection profiling, and disinfection benchmarking, refer to the *LT1ESWTR Disinfection Profiling and Benchmarking Technical Guidance Manual* (EPA 816-R-03-004).

<http://www.epa.gov/safewater/mdbp/pdf/profile/lt1profiling.pdf>